

mission of no scanning messages from either the access point or the at least one other access point within the minimum transmission time interval; and  
upon determining that the transmission rate of scanning messages is not sufficient, cause the access point to transmit the scanning message.

**25.** (canceled)

**26.** The apparatus of claim **17**, wherein the at least one memory and the computer program code are configured, with the at least one processor, to cause the apparatus to:

determine whether or not a target beacon transmission time of a periodic beacon frame is within a predefined time interval after the expiry of the minimum transmission time interval and, if so, cause the access point to transmit the beacon frame as the scanning message.

**27.** The apparatus of claim **26**, wherein the at least one memory and the computer program code are configured, with the at least one processor, to cause the apparatus to: if the target beacon transmission time of a periodic beacon frame is not within a predefined time interval after the expiry of the minimum transmission time interval, determine whether or not there is a pending probe request requesting for transmission of a probe response frame and, if so, cause the access point to transmit the probe response frame as the scanning message.

**28-35.** (canceled)

\* \* \* \* \*